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APPENDIX A

(clean version of Claims 1, 2, 10, 16, 22, 30, 36, 42, 50, 61, 64-68, 74, 77, 82 and 83  
and new Claims 86-89)

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1. (Amended) An injection blow-molded tumbler formed from a polymeric material comprising:

(a) a base characterized by a base diameter forming the bottom of said tumbler defining an outer edge thereof;

(b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof defining about its upper extremity an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;

wherein said fortified rim has a thickness from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall and wherein the volume of the injection blow-molded tumbler is from about 1.5 to about 4 times the volume of an injection molded parison from which it was prepared.

2. (Amended) An injection blow-molded tumbler formed from a polymeric material comprising:

(a) a base characterized by a base diameter forming the bottom of said tumbler defining an outer edge thereof;

(b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof having a thickness of from about 5 to about 50 mils defining about its upper extremity an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;

(c) said sidewall extending upwardly with a taper of from about 1.0 to about 4.5 degrees, and

*A-1 Sub B1  
Contd*  
wherein said fortified rim has a thickness of from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall and wherein the volume of the injection blow-molded tumbler is from about 1.5 to about 4 times the volume of an injection molded parison from which it was prepared.

10. (Amended) An injection blow-molded tumbler formed from a polymeric material comprising:

*5/22 B2  
A2*

- (a) a base characterized by a base diameter forming the bottom of said tumbler defining an outer edge thereof;
- (b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof having a thickness of from about 5 to about 50 mils defining about its upper extremity an opening having a diameter generally longer than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;
- (c) the volume of said injection blow-molded tumbler being from about 1.5 to about 4 times the volume of an injection molded parison from which it was prepared;

wherein said fortified rim has a thickness of from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall and

wherein said tumbler has a taper from about 1.0 to about 4.5 degrees, and

- (d) wherein further the sidewall is provided with a molded in design comprising a series of triangular ridges deeper in dimension than the wall caliper thus providing strength by way of corrugation and having a wall thickness the same as the rest of the tumbler.

*5/23 A3*  
16. (Amended) An injection blow-molded tumbler formed of an optically clear polymer comprising;

- (a) a substantially circular base portion characterized by a base diameter with an outer edge;

(b) a substantially cylindrical sidewall extending upwardly from the outer edge of the base portion having a thickness of from about 5 to about 50 mils defining about its upper extremity an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;

said sidewall extending upwardly with an angular taper with its central axis of from about 1.0 to about 4.5 degrees;

said fortified rim having a thickness of from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall;

said sidewall further including a pattern which alters the cylindrical character thereof over at least a portion of said sidewall which pattern is operative as a grip portion for a user and wherein the volume of the injection blow-molded tumbler is from about 1.5 to about 4 times the volume of an injection molded parison from which it was prepared.

22. (Amended) An injection blow-molded tumbler formed of a polymeric material comprising:

(a) a base characterized by a base diameter forming the bottom of said tumbler defining an outer edge thereof;

(b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof having a thickness of from about 5 to about 50 mils defining about its upper extremity an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;

said sidewall extending upwardly with a taper of from about 2.5 to about 10 degrees;

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Att  
B4*  
wherein said fortified rim has a thickness of from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall, and

*Sub  
B5*  
wherein the volume of the injection blow-molded tumbler is from about 1.5 to about 4 times the volume of an injection molded parison from which it was prepared.

30. An injection blow-molded tumbler formed of an optically clear polymer comprising:

*Sub  
B5*

(a) a base characterized by a base diameter forming the bottom of said tumbler defining an outer edge thereof;

(b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof having a thickness of from about 5 to about 50 mils defining about its upper extremity an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;

*AS*  
the volume of said injection molded tumbler being from about 1.5 to about 4 times the volume of an injection molded parison from which it was prepared;

wherein said fortified rim has a thickness of from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall over a height of at least 2 mils;

wherein said tumbler has a taper from about 2.5 to about 10 degrees, and

(c) wherein further the sidewall is provided with a design comprised of wall embossments of at least as prominent as  $\frac{1}{2}$  the caliper of the sidewall.

36. (Amended) An injection blow-molded tumbler formed of an optically clear polymer comprising:

(a) a substantially circular base portion characterized by a base diameter with an outer edge;

*Sy B*  
*Ab contd*

(b) a substantially cylindrical sidewall extending upwardly from the outer edge of the base portion having a thickness of from about 5 to about 50 mils defining about its upper extremity an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;

said sidewall extending upwardly with an angular taper with its central axis of from about 4.5 to about 10 degrees;

said fortified rim having a thickness of from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall;

said sidewall further including a pattern which alters the cylindrical character thereof over at least a portion of said sidewall which pattern is operative as a grip portion for a user, and

(c) wherein further the pattern comprises of wall embossments at least as prominent as  $\frac{1}{2}$  the caliper of the sidewall.

42. (Amended) An injection blow-molded tumbler formed of a polymeric material comprising;

*Sy B*  
*AB*

(a) a base characterized by a base diameter forming the bottom of said tumbler defining an outer edge thereof;

(b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof having a thickness of from about 5 to about 50 mils defining about its upper extremity an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;

said sidewall extending upwardly with a taper of from about 1 to about 10 degrees;

*Ag Slev*  
*Ag Contd B7*  
wherein said fortified rim has a thickness of from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall, said tumbler defining a volume of at least about 16 fluid ounces wherein the volume of the injection blow-molded tumbler is from about 1.5 to about 4 times the volume of an injection molded parison from which it was prepared.

50. (Amended) An injection blow-molded disposable tumbler of an optically clear polymer comprising:

*Ag*  
*Ag*  
*Ag*

- (a) a base characterized by a base diameter forming the bottom of said tumbler defining an outer edge thereof;
- (b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof having a thickness of from about 5 to about 50 mils defining about its upper extremity an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead;

the volume of said injection molded tumbler being from about 1.5 to about 4 times the volume of an injection molded parison from which it was prepared and said tumbler defining a volume of from about 16-20 fluid ounces;

wherein said fortified rim has a thickness of from about 1.5 to about 6 times the thickness of the adjacent portion of said sidewall; and

wherein said tumbler has a taper from about 2.5 to about 10 degrees.

61. (Amended) An injection blow-molded polycarbonate container comprising:

*Sub  
obj  
overl*

(a) a base characterized by a base diameter forming the bottom of said container defining an outer edge thereof;

(b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof and having a thickness of from about over 50 to about 500 mils to an opening having a diameter generally larger than the base diameter provided with a fortified rim integrally formed with the sidewall in the form of a continuous solid polymer bead about its upper extremity, wherein both width and height of the fortified rim are from about 1.1 to about 4 times a thickness of an adjacent sidewall.

64. (Amended) The polycarbonate container of Claim 63, wherein both the width and the height of the fortified rim are about 100 mils and the adjacent sidewall is about 80 mils.

65. (Amended) The polycarbonate container of Claim 61, wherein the base is from about 1.1 to about 8 times the thickness of the sidewall.

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66. (Amended) The polycarbonate container of Claim 61, wherein the polycarbonate comprises aromatic homopolycarbonate or aromatic copolycarbonate resins.

67. (Amended) The polycarbonate container of Claim 66, wherein the polycarbonate has a melt flow rate of 10 to 22 g/10 min.

68. (Amended) The polycarbonate container of Claim 61, wherein the bottom of said base has integrally molded thereto indicia or a configuration different from the remaining base.

*All*  
74. (Amended) The injection blow-molded tumbler according to Claim 1, comprised of polystyrene filled with nanometer-sized particles having a size within the range of visible-light wavelengths.

*All*  
77. (Amended) The injection blow-molded tumbler according to Claim 1, formed from a polymeric material including a copolymer of styrene and butadiene.

82. (Amended) The injection blow-molded tumbler according to Claim 1, including an impact modifier selected from the group consisting of core shell polymers, olefin containing copolymers, rubber polymers and copolymers, styrene containing copolymers, and mixtures thereof.

*A/3*

83. (Amended) The injection blow-molded tumbler according to Claim 1, formed from a polymeric material including a mineral filler wherein said mineral filler is present in an amount of from about 5 to about 50 wt.%.

86. (New) The injection blow-molded tumbler according to Claim 61, comprised of polystyrene filled with nanometer-sized particles having a size within the range of visible-light wavelengths.

87. (New) The injection blow-molded tumbler according to Claim 61, formed from a polymeric material including a copolymer of styrene and butadiene.

88. (New) The injection blow-molded tumbler according to Claim 61, including an impact modifier selected from the group consisting of core shell polymers, olefin containing copolymers, rubber polymers and copolymers, styrene containing copolymers, and mixtures thereof.

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89. (New) The injection blow-molded tumbler according to Claim 61, formed from a polymeric material including a mineral filler wherein said mineral filler is present in an amount of from about 5 to about 50 wt.%.

90. (New) The injection blow-molded tumbler according to Claim 1, wherein the polymer bead forming the fortified rim has a curved profile.

91. (New) The injection blow-molded tumbler according to Claim 90, wherein the polymer bead forming the fortified rim has a circular profile.